

THE DATA DISTRIBUTION AND ACCESS SESSION

for the NOAA Satellite Conference for Direct Readout, GOES/POES,
and GOES-R/JPSS

NOAA Satellite Conference

July 17-20, 2017 in New York

Kathy-Ann Caesar
Chief Meteorologist

**Caribbean Institute for Meteorologist and
Hydrology**

November 2016 - The launch of GOES -16 satellite ushers an era of exciting weather observations over the Americas.

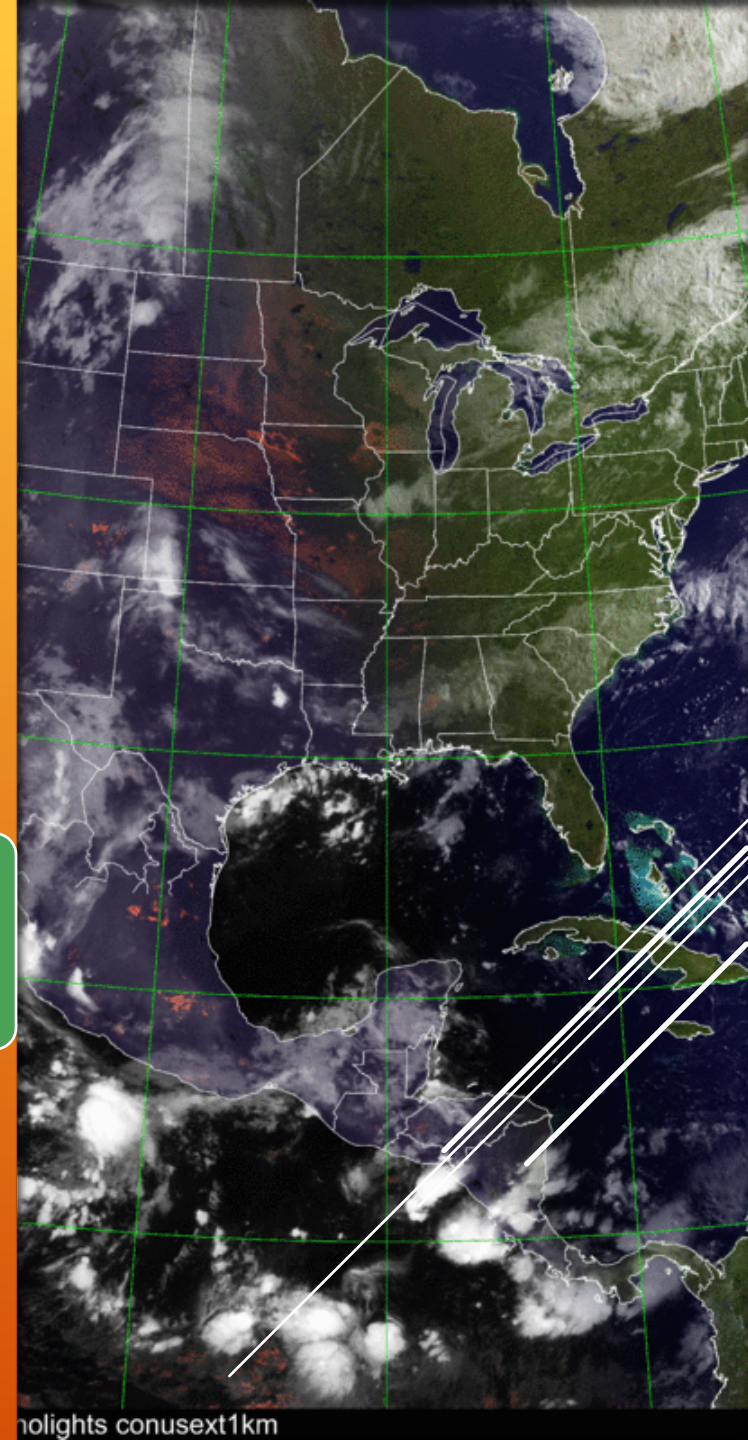
April 2017 – GOES 16 named as GOES – East

November 2017 - GOES-16 moved to positioned as the East satellite at 75°W longitude,

December 2017 – GOES 16 becomes Operational

GOES – 16 WOW!

GOES EAST WOW! WOW!!



The advance monitoring capabilities of GOES-16

the Advance Baseline Instrument (ABI) – increase to 16 channels;

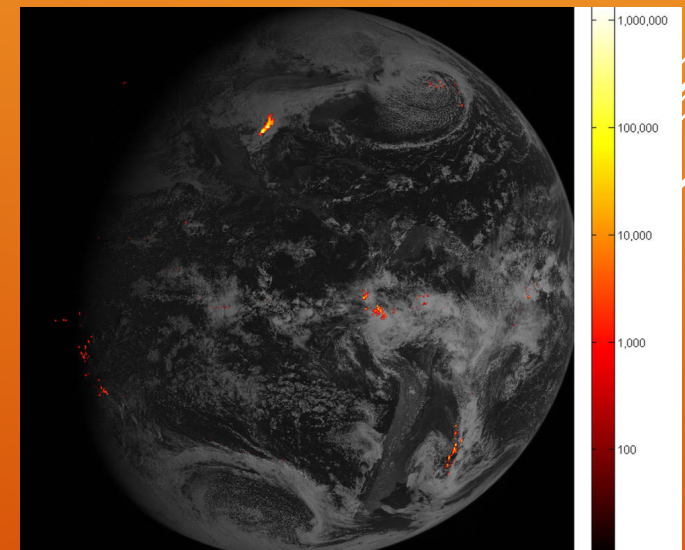
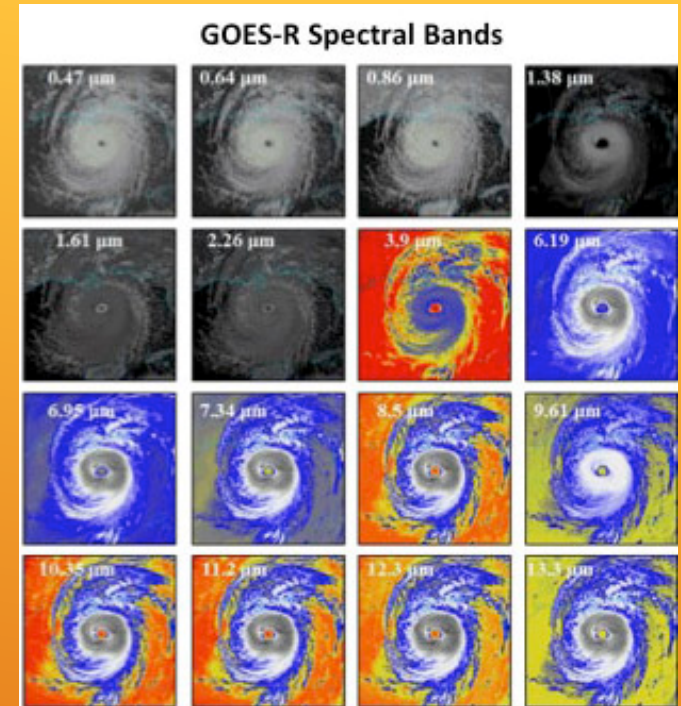
- High resolution imagery
- Rapid scan
- More moisture channels

The GOES-16 Lightning mapper (GLM)

- allows better monitoring of the relatively small convective systems which can produce devastating rainfall lightening detection.

There are addition benefits of the tracking of tropical waves and African dust plumes across the Atlantic.

GOES -16 – THE ADVANCES



Challenges in data access, data acquisition and training, in the region.

Few of the operational forecast offices are in the position to install GOES Rebroadcast (GRB) receive stations.

The limiting factors are the hardware cost, and the high-speed connectivity that maybe required for the Product Distribution and Access (PDA).

Training of the many operational forecasters will now take on more urgency as well.

WMO Satellite Data Requirement RA III/RA IV – reviewing regional training

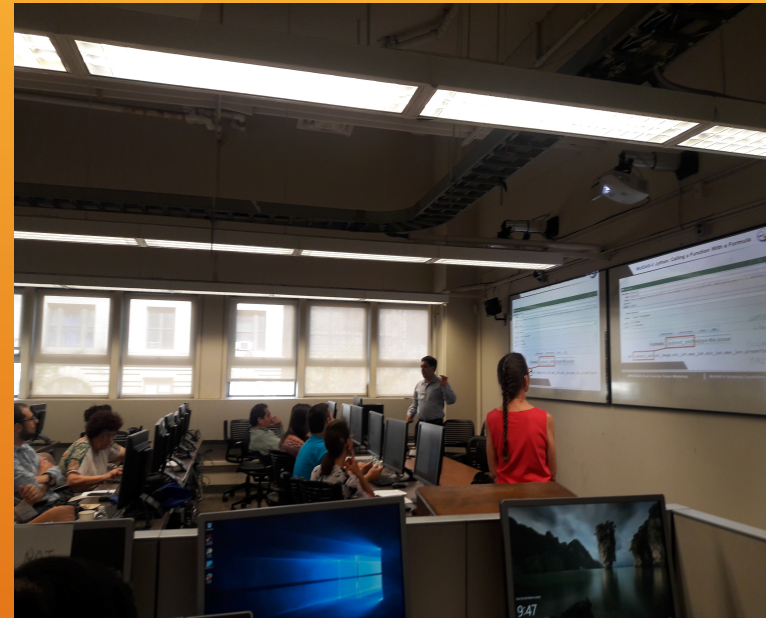
NOAA/CIRA has devised the CIRA Satellite Foundational Course for GOES-R/16 (SatFC-G) to equip forecasters with the appropriate knowledge.

Further training opportunities are forthcoming with a Train the Trainer events at NSC 2017, and Virtual training via COMET modules and WMO VLab training events.

CHALLENGES

NOAA in collaboration with WMO dedicate special attention for training in the region both in English and Spanish, in the following three areas:

- **Virtual training to improve access to existing training materials.**
 - SAT-FC –
 - Visit View Regional Focus Group Monthly Sessions
 - VLab International Training Events
- **Training for trainers, specifically on the characteristics and use of GOES-R and JPSS data and imagery.**
 - NOAA Satellite Conference
 - WMO Regional Train the Trainers Event
- Face to face training is also be
 - Centers of Excellence



TRAINING



THANK YOU